

ZIP: 60680-0703
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.24
 CURRENT APPLICATION DATA:
 FILING DATE: 21-JUL-1993
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/785,566
 FILING DATE: 30-OCT-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: GALLAWAY, NO. 553018Bval B
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 3128564972
 TELEX/FAX: 3128567180
 INFORMATION FOR SEQ ID NO: 13:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1235 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 US-08-095-726-13

RESULT 3
 US-08-095-726-15
 Sequence 15, Application US/08095726
 Patent No. 553018B
 GENERAL INFORMATION:
 APPLICANT: Ausich, Rodney L.
 APPLICANT: Brinkhaus, Friedhelm L.
 APPLICANT: Mukharji, Indrani
 APPLICANT: Proffitt, John H.
 APPLICANT: Yarger, James G.
 APPLICANT: Yen, Huei-Che B.
 TITLE OF INVENTION: Biosynthesis of Zeaxanthin and
 TITLE OF INVENTION: Glycosylated Zeaxanthin in Genetically Engineered Hosts
 NUMBER OF SEQUENCES: 104
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Welsh & Katz, Ltd.
 STREET: 120 S. Riverside Plaza, 22nd Floor
 CITY: Chicago
 STATE: IL
 COUNTRY: USA
 ZIP: 60606
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US 07/805,061
 FILING DATE: 09-DEC-1991
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/785,566
 FILING DATE: 30-OCT-1991
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/662,921
 FILING DATE: 28-FEB-1991
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/562,674
 FILING DATE: 03-AUG-1990
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/525,551
 FILING DATE: 18-MAY-1990
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/487,613
 FILING DATE: 02-MAR-1990
 ATTORNEY/AGENT INFORMATION:
 NAME: Gamson, Edward P.
 REGISTRATION NUMBER: 29,381
 REFERENCE/DOCKET NUMBER: AMO-006.1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (312) 655-1500
 TELEX/FAX: (312) 655-1501

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:

LENGTH: 1235 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

MOLECULE TYPE: DNA (genomic)

POSITION IN GENOME:

MAP POSITION: -19 to 1216

UNITS: bp

US-08-096-623A-13

Query Match

Best Local Similarity 4.8%; Score 16; DB 1; Length 1235;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 125 TCTATCAGTCACCCG 140

Db 897 TCTATCAGTCACCCG 912

RESULT 5

US-08-096-623A-15

Sequence 15, Application US/08096623A

Patent No. 5684238

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Query Match

Best Local Similarity 100.0%; Score 16; DB 1; Length 1235;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 125 TCTATCAGTCACCCG 140

Db 897 TCTATCAGTCACCCG 912

RESULT 6

US-08-259-264-1/c

Sequence 1, Application US/08259264

Patent No. 565093

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Query Match

Best Local Similarity 4.8%; Score 16; DB 1; Length 5737;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 ATGCTCTCGCTGCCTGG 32

TELEFAX: (312) 655-1501

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:

LENGTH: 1235 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

POSITION IN GENOME:

MAP POSITION: -19 to 1216

UNITS: bp

US-08-259-264-1

ATTORNEY/AGENT INFORMATION:

NAME: Gansin, Edward P.

REGISTRATION NUMBER: 29-381

REFERENCE/DOCKET NUMBER: AMO-006.1

TELECOMMUNICATION INFORMATION:

TELEPHONE: (312) 655-1500

DD 374 ATGCCTCCTGCTGG 359

RESULT 7
US-08-822-586-45; Sequence 45, Application US/08822586
; PATENT No. 6015890

GENERAL INFORMATION:

APPLICANT: WILLIAM R. JACOBS, JR., JAMES M. MUSSER AND

APPLICANT: AMALIO TIBELTI

TITLE OF INVENTION: AN EMCAB OPERON OF MYCOBACTERIA AND

TITLE OF INVENTION: MUTANTS THEREOF

NUMBER OF SEQUENCES: 57

CORRESPONDENCE ADDRESS:

ADDRESSEE: AMSTER, ROTHSTEIN & EBENSTEIN

STREET: 90 PARK AVENUE

CITY: NEW YORK

STATE: NEW YORK

COUNTRY: U.S.A.

ZIP: 10016

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 INCH 1.44 Mb STORAGE

COMPUTER: IBM PC COMPATIBLE

OPERATING SYSTEM: MS-DOS

SOFTWARE: ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/822,586

FILING DATE: MARCH 20, 1997

ATTORNEY/AGENT INFORMATION:

NAME: ELIZABETH A. BOGOSIAN

REGISTRATION NUMBER: 39,911

REFERENCE/DOCKET NUMBER: 96700/437

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 286-0554 or 286-0082

TELEFAX: (212) 286-0766

INFORMATION FOR SEQ ID NO: 45:

SEQUENCE CHARACTERISTICS:

LENGTH: 10095

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: Genomic DNA

HYPOTHETICAL: NO

US-08-822-586-45

EARLIER FILING DATE: 1998-08-31

NUMBER OF SEQ ID NOS: 544

SOFTWARE: FASTSEQ for Windows Version 3.0

SEQ ID NO: 471

LENGTH: 488

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE: misc_feature

LOCATION: (1)..(488)

OTHER INFORMATION: n = A,T,C or G

US-09-385-982-471

Query Match 4.5%; Score 15; DB 4; Length 488;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 15; Conservative 0; Mismatches 0;
Indels 0; Gaps 0;

Qy 101 GCATGAGGGACACT 115

Db 346 gcatgaggcaccact 360

RESULT 9

US-08-203-806B-3/c
Sequence 3, Application US/08203806B

Patent No. 5714575

GENERAL INFORMATION:

APPLICANT: Inouye, Masayori

APPLICANT: Jones, Pamela

APPLICANT: Etchegaray, Jean-Pierre

APPLICANT: Weinig, Jian

APPLICANT: Pollitt, N. Stephen

APPLICANT: Goldstein, Joel

TITLE OF INVENTION: Nucleic Acid Sequences, Stress-induced

TITLE OF INVENTION: Proteins and Uses Thereof

NUMBER OF SEQUENCES: 18

CORRESPONDENCE ADDRESS:

ADDRESSEE: Weiser & Associates

STREET: 230 South Fifteenth Street, Suite 500

CITY: Philadelphia

STATE: PA

COUNTRY: U.S.A.

ZIP: 19102

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/203,806B

FILING DATE: 01-MAR-1994

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Weiser, Gerard J.

REGISTRATION NUMBER: 19,763

REFERENCE/DOCKET NUMBER: 377.5998P

TELECOMMUNICATION INFORMATION:

TELEFAX: 215-875-8394

TELEFAX: 834809 WEISTAK

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 1120 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE: CDS

NAME/KEY: CDS

LOCATION: 686..895

US-08-203-806B-3

Query Match 4.5%; Score 15; DB 1; Length 1120;
 Best Local Similarity 100.0%; Pred. No. 19; Mismatches
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 99 CTGCATGAGGCCACCA 113
 Db 622 CTGCATGAGGCCACCA 608

RESULT 10
 US-09-106-217-15
 Sequence 15, Application US/09106217
 GENERAL INFORMATION:
 PATENT NO. 6063576
 APPLICANT: Keating, Mark T.
 APPLICANT: Olson, Timothy M.
 TITLE OF INVENTION: Actin Mutations in Dilated
 Cardiomyopathy, a Heritable Form of Heart Failure
 NUMBER OF SEQUENCES: 18
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C.
 STREET: 555 Thirteenth Street, N.W., Suite 701 East
 CITY: Washington
 STATE: DC
 COUNTRY: U.S.A.
 IP: 2000A
 COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patient Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/106,217
 FILING DATE:
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Saxe, Stephen A.
 REGISTRATION NUMBER: 38,609
 REFERENCE/DOCKET NUMBER: 2323-125
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 202-783-6040
 TELEFAX: 202-783-6031
 INFORMATION FOR SEQ ID NO: 15:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1128 base pairs
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..1131
 US-09-106-217-1

Query Match 4.5%; Score 15; DB 3; Length 1128;
 Best Local Similarity 100.0%; Pred. No. 19; Mismatches
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 105 GAGGCCACCTATGT 119
 Db 908 GAGGCCACCTATGT 922

RESULT 12
 US-08-462-351-1/C
 Sequence 1, Application US/08462351
 GENERAL INFORMATION:
 PATENT NO. 6106840
 APPLICANT: Sharma, Somesh D.
 APPLICANT: Clark, Brian R.
 APPLICANT: Lerch, Bernard L.
 TITLE OF INVENTION: MHC Conjugates Useful in Ameliorating
 Autoimmunity
 NUMBER OF SEQUENCES: 10
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Townsend and Townsend and Crew LLP
 STREET: Two Embarcadero Center, Eighth Floor
 CITY: San Francisco
 STATE: California

RESULT 11
 US-08-106-217-1
 Sequence 1, Application US/09106217

COUNTRY: USA
 ZIP: 94111-3834
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY DISK
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/462,351
 FILING DATE: 05-JUN-1995
 CLASSIFICATION: 424
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/210,594
 FILING DATE: 23-JUN-1988
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/576,084
 FILING DATE: 30-AUG-1990
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/690,840
 FILING DATE: 23-APR-1991
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/869,293
 FILING DATE: 14-APR-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Parent, Annette S.
 REGISTRATION NUMBER: 42,058
 TELEPHONE: (415) 575-0200
 TELEFAX: (415) 576-0300
 FORMATION FOR SEQ ID NO: 1:
 REFERENCE/DOCKET NUMBER: 1014058-000242US
 TELECONFERENCE INFORMATION:
 LENGTH: 1350 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: mRNA
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 1..1350
 OTHER INFORMATION: /product= "acetylcholine rec
 OTHER INFORMATION: alpha subunit"
 462-351-1
 13
 Y Match 4,5%; Score 15; DB 3; Length
 Local Similarity 100.0%; Pred. No. 20;
 local 15; Conservative 0; Mismatches 0;
 NUMBER OF SEQUENCES: 7
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/869,293
 FILING DATE: 14-APR-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 690,840
 FILING DATE: 23-APR-1991
 APPLICATION NUMBER: 576,084
 FILING DATE: 30-AUG-1990
 APPLICATION NUMBER: 210,594
 FILING DATE: 23-JUN-1988
 APPLICATION NUMBER: 635,840
 FILING DATE: 23-JUN-1995
 1-2/C

APPLICATION NUMBER: 3667,751
 ;
 FILED DATE: 21-JUN-1989
 ;
 SEQ ID NO:2:
 ;
 LENGTH: 1350
 ;
 5468481-2

Query Match	Score	DB	Length
Best Local Similarity	4.5%	6	1350
Matches	15	0	
Conservative	0		
QY	49	AGACGCAAAAGGGA	63
Db	792	AGACGCAAAACGGGA	778
RESULT	14		
	5194425-2/C		
PATENT NO.	5194425		
APPLICANT:	SHARMA , SOMESH D.; LERCH, L. BERNARD; CLARK,		
BRIAN R.			
TITLE OF INVENTION:	MHC-MEDIATED TOXIC CONJUGATES USEFUL IN AMELIORATING AUTOIMMUNITY		
NUMBER OF SEQUENCES:	9		
CURRENT APPLICATION DATA:			
APPLICATION NUMBER:	US 07/357,751		
FILING DATE:	21-JUN-1989		
PRIOR APPLICATION DATA:			
APPLICATION NUMBER:	210,594		
FILING DATE:	23-JUN-1988		
SEQ ID NO:2:			
LENGTH:	1356		
	194425-2		

Query Match	Score	DB	Length	Match	Score	DB	Length	Match
east Local Similarity	100.0%	Pred.	6;	15	4.5%	20;	1356;	15
stches	15;	Conservative	0;	Mismatches	49	AGAGACGAAACGGGA	63	797
								AGACGACAAACGGGA
SEQUENCE:	4,	Application	US/08812203					783
ENTRANT No.	5958123							
INTERNAL INFORMATION:								
APPLICANT:	ABRAMOVITZ, MARK							
APPLICANT:	BOIE, YVES							
APPLICANT:	SAWYER, NICOLE							
APPLICANT:	METTERS, KATHLEEN							
APPLICANT:	SLIPKIN, DEBORAH							
TITLE OR INVENTION:	DNA ENCODING PROSTAGLANDIN RECEPTOR DP							
NUMBER OF SEQUENCES:	4							
CORRESPONDENCE ADDRESS:								
ADDRESSEE:	JOHN W. WALLEN, III							
STREET:	126 E. LINCOLN AVE., P.O. BOX 2000							
CITY:	RAHWAY							
STATE:	NJ							
COUNTRY:	USA							
ZIP:	07065-0300							
COMPUTER READABLE FORM:								
MEDIUM TYPE:	FLOPPY DISK							
COMPUTER:	IBM PC COMPATIBLE							
OPERATING SYSTEM:	PC-DOS/MS-DOS							
SOFTWARE:	PATENT RELEASE #1.0, VERSION #1.25							
CURRENT APPLICATION DATA:								
APPLICATION NUMBER:	US/08/0812,203							
FILING DATE:	06-MAR-1997							
CLASSIFICATION:	435							
PRIOR APPLICATION DATA:								

APPLICATION NUMBER: 08/378,682
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: WALLEN III, JOHN W.
REGISTRATION NUMBER: 35 403
REFERENCE/DOCKET NUMBER: MRL 94/185
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908)594-3905
TELEX: (908)594-4720
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 1488 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-812-203-4

Query Match 4.5%; Score 15; DB 2; Length 1488;
Best Local Similarity 100.0%; Pred. No. 20; Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 26 CTTGCTGGCGCTATG 40
Db 1145 CTTGCTGGCGCTATG 1159

Search completed: May 9, 2002, 04:38:09
Job time: 5211 sec

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GenCore version 4.5

Om nucleic - nucleic search, using sw model

Run on: May 8, 2002, 23:54:21 ; Search time 61.93 Seconds
(without alignments)

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 351203 seqs., 113238999 residues

Total number of hits satisfying chosen parameters: 702406

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Listing first 45 summaries

Database : Issued Patents_NA:*

1: /cgn2_6/podata/1/lna/5A_COMB.seq:*

2: /cgn2_6/podata/1/lna/5B_COMB.seq:*

3: /cgn2_6/podata/1/lna/6A_COMB.seq:*

4: /cgn2_6/podata/1/lna/6B_COMB.seq:*

5: /cgn2_6/podata/1/lna/POTUS_COMB.seq:*

6: /cgn2_6/podata/1/lna/backfile1.seq:*

Pred. No. 19 is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query length	DB ID	Description
1	29.6	8.0	1162 4	US-08-838-151A-1
2	29.6	8.8	1166 4	US-08-838-151A-13
3	29.6	8.8	1169 4	US-08-838-151A-3
4	29.6	8.8	1169 4	US-08-838-151A-5
5	29.6	8.8	1169 4	US-08-838-151A-7
6	29.6	8.8	1246 4	US-08-838-151A-15
7	29.6	8.8	2602 4	US-08-838-151A-17
8	28.4	8.5	7286 5	PCT-US95-11684-1
9	28.2	8.4	3416 2	US-08-357-642A-2
10	28.2	8.4	3416 2	US-08-460-626-2
11	27.8	8.3	49136 4	US-09-422-869-1
12	27.2	8.1	940 2	US-08-713-000-3
13	27.2	8.1	940 2	US-08-975-316-3
14	27.2	8.1	940 4	US-09-211-710-3
15	27.2	8.1	1512 3	US-08-911-853-6
16	27.2	8.1	1512 4	US-09-479-409-6
17	27.2	8.1	1785 2	US-08-166-16-48
18	27.2	8.1	17612 3	US-08-911-853-29
19	27.2	8.1	17612 4	US-09-479-409-29
20	27	8.0	17949 4	US-09-087-465-3
21	26.4	7.9	1329 1	US-08-278-630A-8
22	26.4	7.9	2890 3	US-08-848-810-1
23	26.4	7.9	3150 4	US-08-943-768-1
24	26.4	7.9	72928 3	US-09-009-913-1
25	26.2	7.8	1209 1	US-08-314-309A-5
26	26.2	7.8	1513 1	US-08-314-309A-2
27	26.2	7.8	1546 1	US-08-314-309A-3

ALIGNMENTS

RESULT 1

US-08-838-151A-1

; Sequence 1, Application US/080838151A

; Patent No. 6291743

; GENERAL INFORMATION:

; APPLICANT: STStout, John T

; APPLICANT: Lau, Hang T

; APPLICANT: Maxwell, Douglas

; APPLICANT: Ahlquist, Paul

; APPLICANT: Hanson, Steve

; TITLE OF INVENTION: Transgenic Plants Expressing Geminivirus

; TITLE OF INVENTION: Genes

; NUMBER OF SEQUENCES: 63

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Dressler, Rockey, Milnamow & Katz

; STREET: Two Prudential Plaza, Suite 4700

; CITY: Chicago

; STATE: Illinois

; ZIP: 60601

; COMPUTER READABLE FORM:

; COMPUTER: IBM PC compatible

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PATENTin Release #1.0, version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/838.151A

FILING DATE:

CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:

NAME: Mueller, Lisa V

REGISTRATION NUMBER: 38,978

REFERENCE/DOCKET NUMBER: SVS3801P0260

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312-616-5400

TELEFAX: 312-616-5460

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 1162 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: circular

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: NO

ORIGINAL SOURCE:

ORGANISM: Tomato Mottle Gemini Virus

INDIVIDUAL ISOLATE: Florida

FEATURE: CDS

NAME/KEY: CDS

LOCATION: 44 .1127
 PUBLICATION INFORMATION:
 AUTHORS: Gilchriston, RL
 AUTHORS: Hidayat, SH
 AUTHORS: Paplomatas, EJ
 AUTHORS: Rotas, MR
 AUTHORS: Hou, YM
 AUTHORS: Maxwell, DP
 TITLE: Pseudorecombination between the infectious
 cloned DNA components of tomato mottle and bean
 TITLE: dwarf mosaic geminiviruses.
 JOURNAL: Jour. General Virol.
 VOLUME: 74
 PAGES: 23-31
 DATE: 1993
 ; US-08-838-151A-1

Query Match
 Best Local Similarity 8.8%; Score 29.6; DB 4; Length 1162;
 Matches 41; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 205 CGNNGGCCCTGAGNTTCAGAGGNGNCCTGGTCTCCATCGCCTAGAGGGTTCAAGNA 264
 Db 660 CGGGCGAGCGCGCCAGAGGACCTGTAAGTATCATCGGAGGGTGATTCAAGAA 719
 QY 265 AAGGG 269
 Db 720 CAGGG 724

RESULT

US-08-838-151A-13

; Sequence 13, Application US/08838151A
 ; Patent No. 6291743
 ; GENERAL INFORMATION:
 ; APPLICANT: Stout, John T
 ; APPLICANT: Luu, Hang T
 ; APPLICANT: Ahquist, Paul
 ; APPLICANT: Hanson, Steve
 ; TITLE OF INVENTION: Transgenic Plants Expressing Geminivirus
 ; NUMBER OF SEQUENCES: 63
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Dressler, Rockey, Milnamow & Katz
 ; CITY: Chicago
 ; STATE: Illinois
 ; COUNTRY: U.S.A.
 ; ZIP: 60601

COMPUTER READABLE FORM:
 COMPUTER TYPE: FLOPPY DISK
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patientin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/838,151A
 FILING DATE:
 CLASSIFICATION: 800
 ATTORNEY/AGENT INFORMATION:
 NAME: Mueller, Lisa V
 REGISTRATION NUMBER: 38,978
 REFERENCE/DOCKET NUMBER: SVS3801P0260
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-616-5400
 TELEFAX: 312-615-5460
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1169 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: circular
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO

SEQUENCE CHARACTERISTICS:
 LENGTH: 1166 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: circular
 ; ORIGINAL SOURCE:
 ; ORGANISM: Tomato Mottle Gemini Virus
 ; STRAIN: Florida

MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 INDIVIDUAL ISOLATE: Tomato Mottle Geminivirus
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 44..436
 ; US-08-838-151A-13

Query Match
 Best Local Similarity 8.8%; Score 29.6; DB 4; Length 1166;
 Matches 41; Conservative 0; Mismatches 0; Indels 0; Gaps 0; Gaps 0;
 QY 205 CGNNGGCCCTGAGNTTCAGAGGNGNCCTGGTCTCCATCGCCTAGAGGGTTCAAGNA 264
 Db 664 CGGGCGAGCTGCAGAGGACCTGTAAGTATCATCGGAGGGTGATTCAAGAA 723
 QY 265 AAGGG 269
 Db 724 CAGGG 728

RESULT

US-08-838-151A-3

; Sequence 3, Application US/08838151A
 ; Patent No. 6291743
 ; GENERAL INFORMATION:
 ; APPLICANT: Stout, John T
 ; APPLICANT: Luu, Hang T
 ; APPLICANT: Maxwell, Douglas
 ; APPLICANT: Ahquist, Paul
 ; APPLICANT: Hanson, Steve
 ; TITLE OF INVENTION: Transgenic Plants Expressing Geminivirus
 ; NUMBER OF SEQUENCES: 63
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Dressler, Rockey, Milnamow & Katz
 ; STREET: Two Prudential Plaza, Suite 4700
 ; CITY: Chicago
 ; STATE: Illinois
 ; COUNTRY: U.S.A.
 ; ZIP: 60601

COMPUTER READABLE FORM:
 COMPUTER TYPE: FLOPPY DISK
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patientin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/838,151A
 FILING DATE:
 CLASSIFICATION: 800
 ATTORNEY/AGENT INFORMATION:
 NAME: Mueller, Lisa V
 REGISTRATION NUMBER: 38,978
 REFERENCE/DOCKET NUMBER: SVS3801P0260
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-616-5400
 TELEFAX: 312-615-5460
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1169 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: circular
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO

SEQUENCE CHARACTERISTICS:
 LENGTH: 1166 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: circular
 ; ORIGINAL SOURCE:
 ; ORGANISM: Tomato Mottle Gemini Virus
 ; STRAIN: Florida

FEATURE:
 NAME/KEY: CDS
 LOCATION: 44..1127
 PUBLICATION INFORMATION:
 AUTHORS: Gilbertson, RL et al.
 TITLE: Pseudorecombination between the infectious
 TITLE: cloned DNA components of tomato mottle and bean
 TITLE: dwarf mosaic geminivirus.
 JOURNAL: Journal of General Virology
 VOLUME: 74
 PAGES: 23..31
 DATE: 1993
 US-08-838-151A-3

Query Match 8.8%; Score 29.6; DB 4; Length 1169;
 Best Local Similarity 63.1%; Pred. No. 0.44; Mismatches 24; Indels 0; Gaps 0;
 Matches 41; Conservative 0; Mismatches 24; Indels 0; Gaps 0;

QY 205 CGNNTGGCCCTGAGNTTCAGAGGGNNCCCTGGTCATGCCATCGCCTAGGAGGTTCAAGNA 264
 Db 660 CGGGTGACCTGCAGGGCCAGAGAGACCTGTAGTATCATCGTCGAGGGTGTCAAGAA 719

RESULT 4
 Sequence 5, Application US/08838151A
 PATENT NO. 629143
 GENERAL INFORMATION:
 APPLICANT: Stout, John T
 APPLICANT: Luu, Hang T
 APPLICANT: Maxwell, Douglas
 APPLICANT: Ahlquist, Paul
 APPLICANT: Hanson, Steve
 TITLE OF INVENTION: Transgenic Plants Expressing Geminivirus
 NUMBER OF SEQUENCES: 63

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Dressler, Rockey, Milnamow & Katz
 STREET: Two Prudential Plaza, Suite 4700
 CITY: Chicago
 STATE: Illinois
 COUNTRY: U.S.A.
 ZIP: 60601

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/838,151A
 FILING DATE:
 CLASSIFICATION: 800
 ATTORNEY/AGENT INFORMATION:
 NAME: Mueller, Lisa V
 REGISTRATION NUMBER: 38,978
 REFERENCE/DOCKET NUMBER: SVS3801P0260
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-616-5400
 TELEFAX: 312-616-5460
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1169 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: circular
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Tomato Mottle Gemini Virus
 STRAIN: Florida
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 44..1127
 PUBLICATION INFORMATION:
 AUTHORS: Gilbertson, RL et al.
 TITLE: Pseudorecombination between the infectious
 TITLE: cloned DNA components of tomato mottle and bean
 TITLE: dwarf mosaic geminivirus.
 JOURNAL: Journal of General Virology
 VOLUME: 74
 PAGES: 23..31
 DATE: 1993
 US-08-838-151A-5

Query Match 8.8%; Score 29.6; DB 4; Length 1169;
 Best Local Similarity 63.1%; Pred. No. 0.44; Mismatches 24; Indels 0; Gaps 0;
 Matches 41; Conservative 0; Mismatches 24; Indels 0; Gaps 0;

QY 205 CGNNTGGCCCTGAGNTTCAGAGGGNNCCCTGGTCATGCCATCGCCTAGGAGGTTCAAGNA 264
 Db 660 CGGGTGACCTGCAGGGCCAGAGAGACCTGTAGTATCATCGTCGAGGGTGTCAAGAA 719

RESULT 5
 Sequence 7, Application US/08838151A
 PATENT NO. 629143
 GENERAL INFORMATION:
 APPLICANT: Scout, John T
 APPLICANT: Luu, Hang T
 APPLICANT: Maxwell, Douglas
 APPLICANT: Ahlquist, Paul
 APPLICANT: Hanson, Steve
 TITLE OF INVENTION: Transgenic Plants Expressing Geminivirus
 NUMBER OF SEQUENCES: 63

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Dressler, Rockey, Milnamow & Katz
 STREET: Two Prudential Plaza, Suite 4700
 CITY: Chicago
 STATE: Illinois
 COUNTRY: U.S.A.
 ZIP: 60601

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/838,151A
 FILING DATE:
 CLASSIFICATION: 800
 ATTORNEY/AGENT INFORMATION:
 NAME: Mueller, Lisa V
 REGISTRATION NUMBER: 38,978
 REFERENCE/DOCKET NUMBER: SVS3801P0260
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-616-5400
 TELEFAX: 312-616-5460
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1169 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: circular
 MOLECULE TYPE: DNA (genomic)
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Tomato Mottle Gemini Virus
 STRAIN: Florida
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 44..1127

US-08-838-151A-7

Query Match 8.8%; Score 29.6; DB 4; Length 1169;

Best Local Similarity 63.1%; Pred. No. 0.44; Mismatches 0; Matches 41; Conservative 0; Indels 24; Gaps 0;

QY 205 CGNNITGGCCCTGAGNTTCCAGAGGGNCAGGNCCTGGTGTGCCATCGCCTAGAGGGTCAGNA 264
 Db 660 CGGGTGCACTGCGGGCCAGAGCCTGTAAGTATCATCGTGAGGGTGAATCAAGAA 719

QY 265 AAGGC 269
 Db 720 CAGGG 724

RESULT 6

US-08-838-151A-15

Sequence 15, Application US/08838151A
 Patient No. 6291743

GENERAL INFORMATION:

APPLICANT: Stout, John T

APPLICANT: Luu, Hang T

APPLICANT: Ahlquist, Paul

APPLICANT: Hanson, Steve

TITLE OF INVENTION: Transgenic Plants Expressing Geminivirus

TITLE OF INVENTION: Genes

NUMBER OF SEQUENCES: 63

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dressler, Rockey, Milnamow & Katz

STREET: Two Prudential Plaza, Suite 4700

CITY: Chicago

STATE: Illinois

COUNTRY: U.S.A.

ZIP: 60601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/838,151A

FILING DATE:

CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:

NAME: Mueller, Lisa V

REGISTRATION NUMBER: 38, 978

REFERENCE/DOCKET NUMBER: SVS3801P0260

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312-616-5400

TELEFAX: 312-616-5460

INFORMATION FOR SEQ ID NO: 15:

SEQUENCE CHARACTERISTICS:

LENGTH: 1246 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLogy: circular

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: NO

ORIGINAL SOURCE:

ORGANISM: Tomato Mottle Geminivirus

STRAIN: Florida

PUBLICATION INFORMATION:

AUTHORS: Gilbertson, RL

AUTHORS: Hidayat, SH

AUTHORS: Paplomatas, EJ

AUTHORS: Rojas, MR

RESULT 7

US-08-838-151A-17/c

Sequence 17, Application US/08838151A

Patent No. 6291743

GENERAL INFORMATION:

APPLICANT: Stout, John T

APPLICANT: Luu, Hang T

APPLICANT: Maxwell, Douglas

APPLICANT: Ahlquist, Paul

APPLICANT: Hanson, Steve

TITLE OF INVENTION: Transgenic Plants Expressing Geminivirus

NUMBER OF SEQUENCES: 63

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dressler, Rockey, Milnamow & Katz

STREET: Two Prudential Plaza, Suite 4700

CITY: Chicago

STATE: Illinois

COUNTRY: U.S.A.

ZIP: 60601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/838,151A

FILING DATE:

CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:

NAME: Mueller, Lisa V

REGISTRATION NUMBER: 38, 978

REFERENCE/DOCKET NUMBER: SVS3801P0260

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312-616-5400

TELEFAX: 312-616-5460

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 2602 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLogy: circular

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ORIGINAL SOURCE:

ORGANISM: Tomato Mottle Geminivirus

STRAIN: Florida

Query Match 8.8%; Score 29.6; DB 4; Length 2602;

Best Local Similarity 63.1%; Pred. No. 0.69; Mismatches 0; Matches 41; Conservative 0; Indels 24; Gaps 0;

QY 205 CGNNITGGCCCTGAGNTTCCAGAGGGNCAGGNCCTGGTGTGCCATCGCCTAGAGGGTCAGNA 264
 Db 660 CGGGTGCACTGCGGGCCAGAGCCTGTAAGTATCATCGTGAGGGTGAATCAAGAA 719

QY 265 AAGGC 269
 Db 720 CAGGG 724

RESULT 6

US-08-838-151A-15

Sequence 15, Application US/08838151A

Patient No. 6291743

GENERAL INFORMATION:

APPLICANT: Stout, John T

APPLICANT: Luu, Hang T

APPLICANT: Maxwell, Douglas

APPLICANT: Ahlquist, Paul

APPLICANT: Hanson, Steve

TITLE OF INVENTION: Transgenic Plants Expressing Geminivirus

NUMBER OF SEQUENCES: 63

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dressler, Rockey, Milnamow & Katz

STREET: Two Prudential Plaza, Suite 4700

CITY: Chicago

STATE: Illinois

COUNTRY: U.S.A.

ZIP: 60601

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/838,151A

FILING DATE:

CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:

NAME: Mueller, Lisa V

REGISTRATION NUMBER: 38, 978

REFERENCE/DOCKET NUMBER: SVS3801P0260

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312-616-5400

TELEFAX: 312-616-5460

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 2602 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLogy: circular

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ORIGINAL SOURCE:

ORGANISM: Tomato Mottle Geminivirus

STRAIN: Florida

Matches 41; conservative 0; Mismatches 24; Indels 0; Gaps 0;

Qy 205 CGNNTGCCTTGAGNTTCAGAGGGNCCTGCGTCCATCCCTACGAGGTTCAAGNA 264
Db 1993 CGGGTGACGTGCGGCCAGAGACCTGTAGTATCATCGTCAGGGTGAATCAAGAA 1934

RESULT 8
PCT-US95-11684-1/C
Sequence 1, Application PCT/TUS9511684

GENERAL INFORMATION:
APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
TITLE OF INVENTION: CYTOTOACTIN DERIVATIVES THAT STIMULATE
TITLE OF INVENTION: ATTACHMENT AND NEURITE OUTGROWTH, AND METHODS OF MAKING
TITLE OF INVENTION: AND USING SAME
NUMBER OF SEQUENCES: 28

CORRESPONDENCE ADDRESS:
ADDRESSEE: The Scripps Research Institute, Office of
STREET: 10666 North Torrey Pines Road, TPC 8
CITY: La Jolla
STATE: CA
COUNTRY: USA

ZIP: 92037

COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/11684
FILING DATE: 14-SEP-1995
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: US 08/308,359
FILING DATE: 16-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Loren, April C.
REGISTRATION NUMBER: 33 950
REFERENCE/DOCKET NUMBER: BEC0019P

TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-554-2937
TELEFAX: 619-554-6312

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 7286 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

FEATURE:
NAME/KEY: CDS
LOCATION: 55..6654
OTHER INFORMATION: /product= "cytotoactin"

PCT-US95-11684-1

Query Match 8.5%; Score 28 4; DB 5; Length 7286;
Best Local Similarity 48.6%; Pred. No. 3.5; Mismatches 0; Matches 68; Conservative 0; Mismatches 72; Indels 0; Gaps 0;

Qy 74 CAGTATGCACTCGGACCCCTCTCGCGNCTGCAATGAGCACCACATATGAGNATCTATCAGC 133
Db 4910 CAGGACAGAGGAAACCGCTCTGGGGCATGTGAACACAGAAGGTTGTCATACTCCGGT 4911

Query Match 8.4%; Score 28 2; DB 2; Length 3416;
Best Local Similarity 52.9%; Pred. No. 2.7; Mismatches 54;保守型 0; 比对数 48; 不匹配数 0; 缺口数 0;

Qy 114 CTATGTTGNATTCATCACCTACCCGTTGNTCAAGTGTAGNCTAAAGGAAATAGT 173
Db 1152 CTATGAGGTCAGGCAATGTCAGCTTGCTAGGGTAGGTTTGATGGCAAGGCT 1093

Qy 174 GGGAGTCTCTGAGACTATCTGAAATCCCCTTGCTAGGGTAGGTTTGATGGCAAGGCT 215
Db 1092 GGGGGCACTTCATGCCAGCTGAAGTACTGCTGGCT 1051

RESULT 9
US-08-357-642A-2/C
Sequence 2, Application US/08357642A
Patent No. 5837524

GENERAL INFORMATION:
APPLICANT: Sima Lev
ADDRESSSEE: Joseph Schlessinger
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: storage
OPERATING SYSTEM: IBM P.C.; DOS 5.0
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/357 642A
FILING DATE: December 15, 1994
CLASSIFICATION: 536
PRIORITY APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/070
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 3416
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid

US-08-357-642A-2

RESULT 10
US-08-400-626-2/C
Sequence 2, Application US/08406026
Patent No. 583715
GENERAL INFORMATION:
APPLICANT: SIMA LEV

APPLICANT: JOSEPH SCHLESINGER
 TITLE OF INVENTION: PY-2 RELATED PRODUCTS AND METHODS
 TITLE OF INVENTION: METHODS
 NUMBER OF SEQUENCES: 25
 CORRESPONDENCE ADDRESS: 25
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3 1/2" Diskette, 1.44 MB
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: Word Perfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/460,626
 FILING DATE: June 2, 1995
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/357,542
 FILING DATE: December 15, 1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 211-121
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEX: 67-3510
 FAX: (213) 955-0440
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 3416
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 18-460-626-2

Query Match 8.3%; Score 27.8; DB 4; Length 49136;
 Best Local Similarity 53.8%; Pred. No. 17; Indels 0; Gaps
 Matches 50; Conservative 0; Mismatches 43;

QY 189 GACCTATCTGATCCCGNNGGCCCTGAGTTCCAGGGNCNCATGGCTGCCATGCC 248
 Db 35030 ggccctcaagatccctccagaccctggaccccggtgcacctgctcgtgg 35089

QY 249 TAGCAGGTTCAGNAAAGGGGGCCCCNCATGG 281
 Db 35090 gtgcggcagtcctgcoaaggccctgacttgg 35122

RESULT 12
 US-08-713-000-3/c
 Sequence 3, Application US/08/713000
 Patent No. 5850020

GENERAL INFORMATION:
 APPLICANT: Bloksberg, Leonard N.
 APPLICANT: Havukkala, Ilkka
 APPLICANT: Griverson, Alastair
 TITLE OF INVENTION: MATERIALS AND METHODS FOR THE
 TITLE OF INVENTION: MODIFICATION OF PLANT LIGNIN CONTENT
 NUMBER OF SEQUENCES: 15
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Speckman Picard PLC
 STREET: 2601 Elliott Avenue, Suite 4185
 CITY: Seattle
 STATE: WA
 COUNTRY: USA
 ZIP: 98121

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/713,000
 FILING DATE:
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Sleath, Janet
 REGISTRATION NUMBER: 37,007
 REFERENCE/DOCKET NUMBER: 11000.1003
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 206-269-0565
 TELEX: 206-269-0563

INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 940 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-713-000-3

Query Match 8.1%; Score 27.2; DB 2; Length 940;
 Best Local Similarity 50.5%; Pred. No. 3;
 Matches 53; Conservative 0; Mismatches 52; Indels 0; Gaps

QY 232 CTGGTGCCTCATGGCTTCAAGGGTTCAAGNAAAGGGGGCGNCATGGCAGTCCTGG 291

; EARLIER APPLICATION NUMBER: 60/134,175
 ; EARLIER FILING DATE: 1993-05-13
 ; NUMBER OF SEQ ID NOS: 30
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEO ID NO 1
 ; LENGTH: 49136
 ; TYPE: DNA
 ; ORGANISM: Human
 ;
 ; US-09-422-869-1

RESULT 13
 US-08-975-316-3/C
 Sequence 3, Application US/08975316
 ; Patent No. 5932486
 ; GENERAL INFORMATION:
 ; APPLICANT: BLOKBERG, Leonard N., HAVUKKALA, Ilkka
 ; TITLE OF INVENTION: MATERIALS AND METHODS FOR
 ; MODIFICATION OF PLANT LIGNIN CONTENT
 ; NUMBER OF SEQUENCES: 88
 ; CURRENT FILING DATE: 1998-12-14
 ; NUMBER OF SEQ ID NOS: 15
 ; SEQ ID NO 3
 ; LENGTH: 940
 ; TYPE: DNA
 ; FEATURE:
 ; NAME/KEY: unsure
 ; LOCATION: (463)...(463)
 US-09-211-710-3

ADDRESSEE: Law Offices of Ann W. Speckman
 STREET: 2601 Elliott Avenue, Suite 4185
 CITY: Seattle
 STATE: WA
 COUNTRY: USA
 ZIP: 98121

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/975, 316
 FILING DATE:
 CLASSIFICATION: 800
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/713, 000
 FILING DATE: September 11, 1996
 ATTORNEY/AGENT INFORMATION:
 NAME: SLEATH, Janet
 REGISTRATION NUMBER: 37, 007
 REFERENCE/DOCKET NUMBER: 11000/1003C1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 206-269-0563
 TELEX:
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 940 base Pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-975-316-3

Query Match 8.1%; Score 27.2; DB 4; Length 940;
 Best Local Similarity 50.5%; Pred. No. 3; Mismatches 52; Indels 0; Gaps 0;
 Matches 53; Conservative 0;
 PATENT NO. 6048710

QY 232 CTTGGTCGCCATGGCCAGCGAGGTTCAGNAAGGGCCGCNCATGGCAGTCTGG 291
 Db 196 CGGGTCCGTAATCTGGACGGTCAAGACAGCAGGGTCCAGCTGGCCACCTTG 137

QY 292 NCAGNAGNAANGANTGGNCACCCNTGGTCCAAACCA 336
 Db 136 TCTGAATGTCTGGTTACCGCTCCGCTATTCCCCATTC 92

RESULT 15
 US-08-911-853-6
 Sequence 6, Application US/08911853
 ; Patent No. 6048710
 ; GENERAL INFORMATION:
 ; APPLICANT: Gerritsse, Gijlsbert
 ; APPLICANT: Quax, Willemus J.
 ; TITLE OF INVENTION: EXPRESSION SYSTEM FOR ALTERED
 ; NUMBER OF SEQUENCES: 37
 ; CURRENT FILING DATE:
 ; ADDRESSEE: Genencor International
 ; STREET: 925 Page Mill Road
 ; CITY: Palo Alto
 ; STATE: CA
 ; COUNTRY: USA
 ZIP: 94304-1013

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/911, 853
 FILING DATE:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/699, 092
 FILING DATE: 16-AUG-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: Glaister, Debra J
 REGISTRATION NUMBER: 33, 888
 REFERENCE/DOCKET NUMBER: GC361-2
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650-846-7520
 TELEX:
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1312 base Pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-911-853-6

RESULT 14
 US-09-211-710-3/C
 Sequence 3, Application US/09211710A
 ; Patent No. 620434
 ; GENERAL INFORMATION:
 ; APPLICANT: Bloksberg, Leonard N.
 ; APPLICANT: Havukkala, Ilkka

Thu May 9 08:36:11 2002

US-09-301-507-74_1.rni

Query	Match	8.1%	Score	27.2;	DB	3;	Length	1512;
Best Local	Similarity	60.3%	Pred.	No.	3, 9;			
Matches					0;	Mismatches		
QY	173	TGGAGGTTCTGTGAGACCTATCTGATCCCGNNITGGCCCTGAGNTTCCAGGGNNCC						
Db	896	TGGAGGATCAGGCCAGACC CAGGTCAACCCGGGGTGAGCATGACCTCCGCCGCGGCC						
QY	233	TGGCGCTC 240						
Db	956	TGGCGGCC 963						

Search completed: May 9, 2002, 03:25:11
Job time: 12650 sec